

# HNRNPD polyclonal antibody

Catalog # PAB18391      Size 100 ug

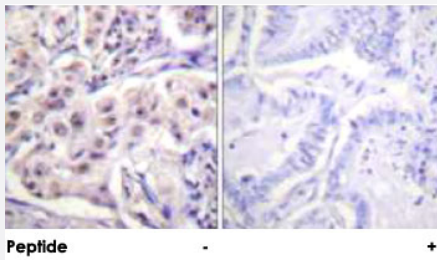
## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using HNRNPD polyclonal antibody (Cat # PAB18391).

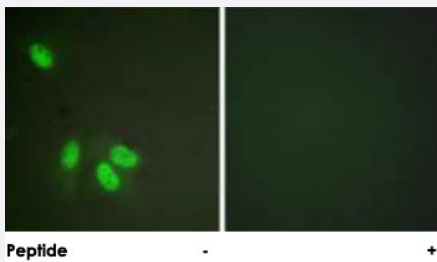
Peptide "+" means "peptide blocking".



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HNRNPD polyclonal antibody (Cat # PAB18391).

Peptide "+" means "peptide blocking".



### Immunofluorescence

Immunofluorescence analysis of HeLa cells, using HNRNPD polyclonal antibody (Cat # PAB18391).

Peptide "+" means "peptide blocking".

## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of HNRNPD.

<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding S83 of human HNRNPD.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	This antibody is specific to HNRNPD.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using HNRNPD polyclonal antibody (Cat # PAB18391).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HNRNPD polyclonal antibody (Cat # PAB18391).

Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using HNRNPD polyclonal antibody (Cat # PAB18391).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HNRNPD

Entrez GeneID	<a href="#">3184</a>
Protein Accession#	<a href="#">Q14103</a>
Gene Name	HNRNPD
Gene Alias	AUF1, AUF1A, HNRPD, P37, hnRNP D0
Gene Description	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)
Omim ID	<a href="#">601324</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants. [provided by RefSeq]</p>
Other Designations	ARE-binding protein AUF1, type A AU-rich element RNA-binding protein 1 heterogeneous nuclear ribonucleoprotein D heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA-binding protein 1, 37kD)

## Publication Reference

- [A mechanism for translationally coupled mRNA turnover: interaction between the poly\(A\) tail and a c-fos RNA coding determinant via a protein complex.](#)

Grosset C, Chen CY, Xu N, Sonenberg N, Jacquemin-Sablon H, Shyu AB.

Cell 2000 Sep; 103(1):29.